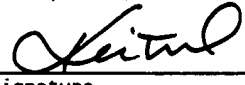| Form PTO-1390 (Rev. 02-2005) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY'S DOCKET NUMBER TAM-066 |
|---|---|---|
| | TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | U.S. APPLICATION NO. Not yet assigned  10/591147 |

| INTERNATIONAL APPLICATION NO. PCT/JP2005/004263 | INTERNATIONAL FILING DATE MArch 4, 2005 | PRIORITY DATE CLAIMED March 4, 2004 |
|---|---|---|
| TITLE OF INVENTION MICROARRAY AND SPOTTING APPARATUS | | DATE August 30, 2006 |

APPLICANT(S) FOR DO/EO/US
Ryoichi IMANAKA, Kotaro MINATO and Tadao SUGIURA

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  [XX]  This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.

2.  [  ]  This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.

3.  [XX]  This is an express request to begin national examination procedures (35 U.S.C. 371(f)).  The submission must include items (5), (6), (9) and (21) indicated below.

4.  [XX]  The US has been elected (Article 31).

5.  [XX]  A copy of the International Application as filed (35 U.S.C. 371(c)(2))
        a.  [  ]  is transmitted herewith (required only if not transmitted by the International Bureau).
        b.  [XX]  has been communicated by the International Bureau.
        c.  [  ]  is not required, as the application was filed in the United States Receiving Office (RO/US).

6.  [XX]  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
        (51 pages and 18 sheets of drawings (Figs. 1-17)).
        a.  [XX]  is attached hereto.
        b.  [  ]  has been previously submitted under 35 U.S.C. 154(d)(4).

7.  [XX]  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(C)(3))
        a.  [  ]  are attached hereto (required only if not communicated by the International Bureau).
        b.  [  ]  have been communicated by the International Bureau.
        c.  [  ]  have not been made; however, the time limit for making such amendments has NOT expired.
        d.  [XX]  have not been made and will not be made.

8.  [  ]  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).

9.  [XX]  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).

10. [  ]  An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. [XX]  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.

12. [  ]  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

13. [XX]  A FIRST preliminary amendment.

14. [  ]  A SECOND or SUBSEQUENT preliminary amendment.

15. [  ]  A substitute specification.

16. [  ]  A change of power of attorney and/or address letter.

17. [  ]  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.

18. [  ]  A second copy of the published international application under 35 U.S.C. 154(d)(4).

19. [  ]  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

20. [XX]  Other items or information:

        a.  PCT/ISA/210          f.  PCT/IB/308 (2nd Notice)
        b.  PCT/ISA/237          g.  PCT/IB/332
        c.  PCT/IB/301           h.  PCT/IPEA/409
        d.  PCT/IB/304           i.  WO 2005/085848 A1
        e.  PCT/IB/308 (1st Notice)   j.  Small Entity Declaration

| U.S. Application No.<br>Not yet assigned **10/591147** | International Application No.<br>PCT/JP2005/004263 | Attorney's Docket No.<br>TAM-066 | |
|---|---|---|---|
| | | CALCULATIONS | PTO USE ONLY |

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|---|---|---|
| The following fees are submitted:<br>21. [XX] Basic National Stage Fee . . . . . . . . . . . . . . . . . . . . . $300.00 | $ 300.00 | |
| 22. [XX] Examination fee<br>If international preliminary examination report prepared by UPSTO and all claims<br>    satisfy provisions of PCT Article 33(1)-(4) . . . . . . . . . . . . . . . $100.00<br>All other situations . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $200.00 | $ 200.00 | |
| 23. [XX] Search Fee<br>Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the<br>    USPTO as an International Searching Authority . . . . . . . . . . . . . . $100.00<br>International Search Report prepared and provided to the Office . . . . . . . $400.00<br>All other situations . . . . . . . . . . . . . . . . . . . . . . . . . . . . $500.00 | $ 400.00 | |
| TOTAL OF 21, 22 AND 23       = | $ 900.00 | |
| Surcharge of $130.00 for furnishing the oath or declaration later than [ ] 20 [ ] 30<br>months from the earliest claimed priority date (37 CFR 1.492(e)). | | |
| National Stage Application Size Fee - If the specification and drawings exceed 100<br>sheets, the application size fee due is $250.00 for each additional 50 sheets or<br>fraction thereof. | | |

| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
|---|---|---|---|---|---|
| Total claims | 17 - 20 | | x $ 50.00 | $ 0.00 | |
| Indep. claims | 6 - 3 | 3 | x $ 200.00 | $ 600.00 | |
| Multiple dependent claim(s) (if applicable) | | | + $ 360.00 | $ 0.00 | |

| | CALCULATIONS | PTO USE ONLY |
|---|---|---|
| TOTAL OF ABOVE CALCULATIONS       = | $ 1,500.00 | |
| Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are<br>reduced by ½. | $ 750.00 | |
| SUB TOTAL       = | $ 750.00 | |
| Processing fee $130.00 for furnishing the English translation later than [ ] 20 [ ] 30<br>months from the earliest claimed priority date (37 CFR 1.492(f)). | $ 0.00 | |
| TOTAL NATIONAL FEE       = | $ 750.00 | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be<br>accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). $40.00 per property   + | $ 0.00 | |
| TOTAL FEES ENCLOSED       = | $ 750.00 | |
| | Amount to be refunded: | $ |
| | charged | $ |

a. [XX]   Payment in the amount of $750.00 is authorized by credit card (PTO-2038).
b. [ ]    Check in the amount of $*.00 to cover the above fees is enclosed.
c. [ ]    Please charge my Deposit Account No. 111833 in the amount of $_____ to cover the above fees.
d. [XX]   The Commissioner is hereby authorized to charge any additional fees which may be required, or credit
          any overpayment to Deposit Account No. 111833.

NOTE:   Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to review (37 CFR
        1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:
    KUBOVCIK & KUBOVCIK
    The Farragut Building
    Suite 710
    900 17th Street, N.W.
    Washington, D.C. 20006

Signature
Keiko Tanaka Kubovcik
Name
40,428
Registration Number
August 30, 2006
Date

KTK/jbf

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# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Mail Stop PCT**

Intl.
Appl. No. :    PCT/JP2005/004263

Applicant :    Ryoichi IMANAKA et al.

Intl. Appl.
Filed      :    March 4, 2005

TC/A.U.    :    Not Assigned

Examiner   :    Not Assigned

Dkt. No.   :    TAM-066

Cust. No.  :    20374

## TRANSMITTAL OF SMALL ENTITY DECLARATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450                    August 30, 2006

Sir:

The applicants claim small entity status as provided under 37 CFR §1.27(a)(1). An executed Small Entity Declaration is attached hereto.

In the event any fees are due in connection with this matter the Commissioner is authorized to debit our Deposit Account No. 111833.

Respectfully submitted,

KUBOVCIK & KUBOVCIK

Keiko Tanaka Kubovcik
Reg. No. 40,428

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